

12-90027: Anti-PTK7(cofetuzumab biosimilar) mAb

Application :	ELISA
Reactivity :	Human
Gene :	PTK7
Uniprot ID :	Q13308
Alternative Name :	CCK4
Isotype :	IgG1(E239D, M241L)

Description

Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.

Product Info

Amount :	50µg / 100µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

Application Note

ELISA 1:5000-10000, Flow Cyt 1:100

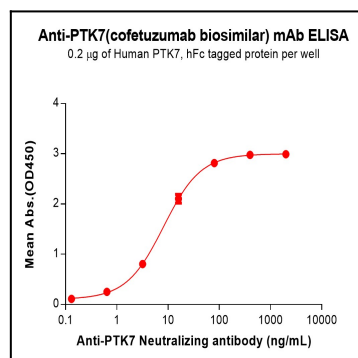


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human PTK7 Protein, hFc Tag can bind Anti-PTK7(cofetuzumab biosimilar) mAb (12-90027) in a linear range of 0.64–80 ng/mL. In order to specifically detect 12-90027, mouse anti-human Fab-specific antibody was used as detection antibody.

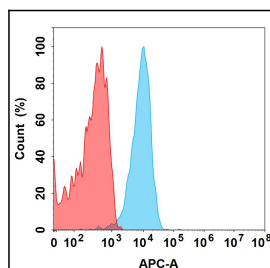


Figure 2. PTK7 protein is expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1 µg/mL Anti-PTK7(cofetuzumab biosimilar) mAb (12-90027) (Blue histogram) or isotype control mAb (Red histogram) on Expi293 cells.